

CIVIL AIM CONSULTANTS & ENGINEERS

(Building Geo-Tech & Highway Materials Testing Laboratory)



An ISO 9001-2015 Certified Company

NABL Accredited As Per ISO/IEC 17025:2017 Laboratory

QC ABSTRACT

Name of Work: Improvements of roads and drains in Vijaya Bharathi School Surroundings and Other area in Bagalagunte ward no.14, BBMP, Bangalore.

SL. No.	Item	Quantity As Per BOQ	Required No's of testes as per Frequency	Actual No's of testes as per Frequency	Testes Results
1	1:3:6	95.09Cum	1	1	Cement, Sand, Aggregates
2	Steel	8.62 Tonne	1	1	
3	M20	132.62 Cum	6	6	Concrete Cube Compressive Strength
4	Slab - 100mm	189.45Sqm	1	1	Concrete Core Compressive Strength
5	M30	77.94 Cum	5	5	Concrete Cube Compressive Strength
6	WMM	583.20 Cum	-	-	
		Atterberg Limits	6	6	
		AIV	3	3	
		Shape Test	3	3	
		Gradation	6	6	
7	DBM	141.53 Cum	-	-	
		Quality of Binder	1	1	
		AIV	1	1	
		Shape Test	1	1	
		Gradation	1	1	
		Specific Gravity	3	3	
		Bitumen content	3	3	

No. 01, Satvika Nilaya, Opp. Widia Poorna Prajna School,
Ramaiah Layout, Nagasandra, Bangalore - 560 073.

Ph: 9591618639, GSTIN: 29CNWPD9510K1ZB, Email: civilaimconsultants@gmail.com





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8	BC	277.99Cum	-	-	
		Quality of Binder	1	1	
		AIV	1	1	
		Shape Test	1	1	
		Gradation	1	1	
		Specific Gravity	1	1	
		Stability of Mix	6	6	
		Bitumen content	6	6	

Cubes
0-5 Cum 1Set
6-15 Cum 2Set
16-30 Cum 3Set
31-50 Cum 4Set
Add 1set for extra 50Cum

7
ಸಹಾಯಕ ನಿರ್ದೇಶಕರು, ಸಾರ್ವಜನಿಕ ಕಾರ್ಯದರ್ಶಿ, ಜಿ.ಜಿ.ಎಂ.ಪಿ
ಬೆಂಗಳೂರು-560073

Signature
Circular stamp of Civil AIM Consultants & Engineers with a signature across it.

No. 01, Satvika Nilaya, Opp. Widia Poorna Prajna School,
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Ph: 9501618639 GSTIN: 29CNWPD9510K1ZB Email: civilaimconsultants@gmail.com



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Job No.: CACE/BBMP/KTR/W.No.14 /2021-22

Date: 06.01.2022

TEST REPORT

CLIENT	:	Assistant Executive Engineer ,Dasarahalli Sub division, BBMP, Bangalore.
AGENCY	:	M/s K T R Constructions(Prop.K.T.Ravi), Contractor, Mysore.
NAME OF THE WORK	:	Improvements of roads and drains in Vijaya Bharathi School Surroundings and Other area in Bagalagunte ward no.14, BBMP, Bangalore.
SAMPLE ID	:	Cement (Birla OPC 53 Grade)
DATE OF MANUFACTURE	:	December - 2021
DATE OF TESTING	:	04.01.2022 to 06.01.2022
SAMPLES SUPPLIED BY	:	AGENCY

The results of the tests conducted on the cement sample are as follows:

Sl.No	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 269-2015
1	a) Initial Setting Time	IS-4031 (Part -5)	150 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part -5)	340 Minutes	Not More than 600 Minutes
2	Soundness	IS-4031 (Part 3) by the Le-Chatelier method	1 mm	Not more than 10 mm
3	Standard Consistency	IS-4031 (Part -4)	28.00 %	-

Note:

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ಶಾಂತಿ ಕಾರ್ನಾಟಕ ಅಭಿವೃದ್ಧಿ
ಶಿ. ದಾಸರಾಜ್, ಬಿ.ಬಿ.ಎಂ.ಸಿ.
ಬಾಗಲಗುಂಟೆ, ಜಿ.ಬಿ.ಎಂ.ಸಿ.
ಬೆಂಗಳೂರು 56007

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For CIVIL AIM CONSULTANTS & ENGINEERS

[Signature]
Authorised Signatory





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Job No.: CACE/BBMP/KTR/W.No.14 /2021-22

Date : 06.01.2022

TEST REPORT ON FINE AGGREGATES (SAND)

Client : Assistant Executive Engineer ,Dasarahalli Sub division, BBMP, Bangalore.
Agency : M/s K T R Constructions(Prop.K.T.Ravi), Contractor, Mysore.
Name of Work : Improvements of roads and drains in Vijaya Bharathi School Surroundings and Other area in Bagalagunte ward no.14, BBMP, Bangalore.
Date of Testing : 06.01.2022
IS Code : IS 383:2016
: IS 2386 (Part 1):1963(RA 2011)
Material : Sand Total Wt. of Aggregates in gms 1000

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits For Zone-II
10	0	0	0	100	100
4.75	74	7.40	7.40	92.6	90-100
2.36	153	15.30	22.70	77.3	75-100
1.18	181	18.10	40.80	59.2	55-90
600 Micron	177	17.70	58.50	41.5	35-59
300 Micron	253	25.30	83.80	16.2	8-30
150 Micron	119	11.90	95.70	4.3	0-10

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ಕರ್ನಾಟಕ ರಾಜ್ಯದ ಅಭಿವೃದ್ಧಿ
ಮ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಜಿ.ಬಿ.ಎಂ.ಕೆ
ಫೋನ್ 560073

[Signature]

For CIVIL AIM CONSULTANTS & ENGINEERS

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Authorised Signatory

No. 01, Satvika Nilaya, Opp. Widia Poorna Prajna School,
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Job No.: CACE/BBMP/KTR/W.No.14 /2021-22

Date :06.01.2022

TEST REPORT ON FINE AGGREGATES (SAND) IS 2116-1980

Client : Assistant Executive Engineer ,Dasarahalli Sub division, BBMP, Bangalore.
Agency : M/s K T R Constructions(Prop.K.T.Ravi), Contractor, Mysore.
Name of Work : Improvements of roads and drains in Vijaya Bharathi School Surroundings and Other area in Bagalagunte ward no.14, BBMP, Bangalore.
Date of Testing :06.01.2022
Material : Sand - Masonry

Total wt. of aggregates in gms = 1000

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits as per IS 2116-1980
4.75	0	0.00	0.00	100.0	100
2.36	30	3.00	3.00	97.0	90-100
1.18	55	5.50	8.50	91.5	70-100
600 Micron	92	9.20	17.70	82.3	40-100
300 Micron	249	24.90	42.60	57.4	5-70
150 Micron	489	48.90	91.50	8.5	0-15

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For CIVIL AIM CONSULTANTS & ENGINEERS

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For CIVIL AIM CONSULTANTS & ENGINEERS
Authorised Signatory

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Job No.: CACE/BBMP/KTR/W.No.14 /2021-22

Date : 06.01.2022

TEST REPORT ON COARSE AGGREGATES

Client : Assistant Executive Engineer ,Dasarahalli Sub division, BBMP, Bangalore.
Agency : M/s K T R Constructions(Prop.K.T.Ravi), Contractor, Mysore.
Name of Work : Improvements of roads and drains in Vijaya Bharathi School Surroundings and Other area in Bagalagunte ward no.14, BBMP, Bangalore.
Date of Testing : 06.01.2022
IS Code : IS 383:2016
: IS 2386 (Part 1):1963(RA 2011)
Material : 20mm Aggregates

Total Wt. of Aggregates in gms= 5000

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits
40	0	0	0	100	100
20	179	3.6	3.6	96.4	95-100
10	2591	51.8	55.4	44.6	25-55
4.75	1892	37.8	93.2	6.8	0-10

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ಇದರಲ್ಲಿ ಒಂದು ಸಾಂಪಲ್ ಮಾತ್ರ
ಇ. ದಾಖಲೆಗೆ ಉಪ ಬಿಡುಗಡೆ
ಬಾ/ಬಿ.ಎಂ.ಸಿ. 560073
ಬೆಂಗಳೂರು-560073

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For CIVIL AIM CONSULTANTS & ENGINEER

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Job No.: CACE/BBMP/KTR/W.No.14 /2021-22

Date : 06.01.2022

TEST REPORT ON COARSE AGGREGATES

Client : Assistant Executive Engineer ,Dasarahalli Sub division, BBMP, Bangalore.
Agency : M/s K T R Constructions(Prop.K.T.Ravi), Contractor, Mysore.
Name of Work : Improvements of roads and drains in Vijaya Bharathi School Surroundings and Other area in Bagalagunte ward no.14, BBMP, Bangalore.
Date of Testing : 06.01.2022
IS Code : IS 383:2016
Material : IS 2386 (Part 1):1963(RA 2011)
Material : 40mm Aggregates

Total Wt. of Aggregates in gms **15000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits
80	0	0	0	100	100
40	163	1.09	1.09	98.91	95-100
20	8232	54.88	55.97	44.03	30-70
10	3239	21.59	77.56	22.44	10-35
4.75	2764	18.43	95.99	4.01	0-5

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ಇ. ದಾಸರಾಜ್ ಉಪ ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಕೆ.ಆರ್.ನಗರ
ಫೋನ್: 560073

Signature

For CIVIL AIM CONSULTANTS & ENGINEERS

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Job No.: CACE/BBMP/KTR/W.No.14 /2021-22

Date : 11.01.2022

TEST REPORT OF PHYSICAL PROPERTIES OF REINFORCEMENT STEEL

Client : Assistant Executive Engineer ,Dasarahalli Sub division, BBMP, Bangalore.

Agency : M/s K T R Constructions(Prop.K.T.Ravi), Contractor, Mysore.

Name of Work : Improvements of roads and drains in Vijaya Bharathi School Surroundings and Other area in Bagalagunte ward no.14, BBMP, Bangalore.

Steel Dia/Length : 8mm, 10mm, 12mm" TMT"

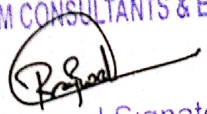
Reference to BIS codes : IS 1786:2008(RA 2013) High Strength Deformed Steel Bars and Wires for Concrete Reinforcement-Specification
: IS 1608:2005 Metallic Materials- Tensile Testing at Ambient Temperature

Date of test : 11.01.2022

S.No	Brand	Nominal size (dia in mm)	Mass per meter (kg/meter)	TENSILE STRENGTH			
				0.20 % proof stress/ yield stress (N/mm ²)	Tensile strength (N/mm ²)	TS/YS ratio	Elongation , percent on gauge length
1	TMT	8	0.397	544	630	1.16	15
2	TMT	10	0.621	552	636	1.15	14.5
3	TMT	12	0.891	563	643	1.14	14

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Job No.: CACE/BBMP/KTR/W.No.14 /2021-22

Date: 28.01.2022

PRECAST SLAB 100 mm Thick(CORE) TEST REPORT

Client : Assistant Executive Engineer ,Dasarahalli Sub division, BBMP, Bangalore.
Contractor : M/s K T R Constructions(Prop.K.T.Ravi), Contractor, Mysore.
Name of Work : Improvements of roads and drains in Vijaya Bharathi School Surroundings and Other area in Bagalagunte ward no.14, BBMP, Bangalore.
No. of Sample Tested : 03
Date of Testing : 28.01.2022
Technical Reference : IS:516-1959 (Reaffirmed 1999), SP-24:1983.
Grade of Concrete : M₂₀

Sl. No.	Dia of Core D (mm)	Height of Core H (mm)	Core Wt (Kg)	Density of Core (kg / m ³)	H / D	Correction factor (Based on H/D)	Failure Load (kN)	Core Strength (N/mm ²)	Correction Factor for the Dia. (Strength of the Core x 1.08)	Corrected Cylinder Compressive Strength (N/mm ²)	Equivalent Cube Compressive Strength (N/mm ²)
1	50.00	80.00	0.379	2412.79	1.60	0.957	33.10	16.86	18.21	17.42	21.77
2	50.00	82.00	0.386	2397.42	1.64	0.961	33.50	17.06	18.43	17.71	22.14
3	50.00	84.00	0.398	2413.09	1.68	0.965	34.20	17.42	18.81	18.16	22.70

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ಬಿ. ದಾಸರಾಜ್ ರಾವ್ ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಜಿ.ಬಿ.ಎಂ.ಸಿ
ಬೆಂಗಳೂರು 560073

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Job No.: CACE/BBMP/KTR/W.No.14 /2021-22

Date: 20.01.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer ,Dasarahalli Sub division, BBMP, Bangalore.

Agency : M/s K T R Constructions(Prop.K.T.Ravi), Contractor, Mysore.

Name of the work : Improvements of roads and drains in Vijaya Bharathi School Surroundings and Other area in Bagalagunte ward no.14, BBMP, Bangalore.

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm²

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M₂₀

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	13.01.2022	20.01.2022	8.163	345.2	15.34
2	13.01.2022	20.01.2022	8.125	336.3	14.95
3	13.01.2022	20.01.2022	8.146	362.8	16.12

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ಇದರಲ್ಲಿ ಉಲ್ಲೇಖಿಸಿದ ವಿಷಯ
ಶ್ರೀ. ದೀಪಕ್ ಕುಮಾರ್ ಬಿರಾಡಿ
ಬಾಳಗುಂತೆ, ಚಿಕ್ಕಬಳ್ಳಾಪುರ
ಬೆಂಗಳೂರು 560072

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Authorised Signatory

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Job No.: CACE/BBMP/KTR/W.No.14 /2021-22

Date: 10.02.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer ,Dasarahalli Sub division, BBMP, Bangalore.
Agency : M/s K T R Constructions(Prop.K.T.Ravi), Contractor, Mysore.
Name of the work : Improvements of roads and drains in Vijaya Bharathi School Surroundings and Other area in Bagalagunte ward no.14, BBMP, Bangalore.
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm²
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M₂₀
Compressive Strength as on : 28th day

SL.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	13.01.2022	10.02.2022	8.154	512.2	22.76
2	13.01.2022	10.02.2022	8.149	508.3	22.59
3	13.01.2022	10.02.2022	8.163	489.6	21.76

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Job No.: CACE/BBMP/KTR/W.No.14 /2021-22

Date: 20.01.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: Assistant Executive Engineer ,Dasarahalli Sub division, BBMP, Bangalore.
Agency	: M/s K T R Constructions(Prop.K.T.Ravi), Contractor, Mysore.
Name of the work	Improvements of roads and drains in Vijaya Bharathi School Surroundings and Other area in Bagalagunte ward no.14, BBMP, Bangalore.
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm²
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M₂₀
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	13.01.2022	20.01.2022	8.184	336.3	14.95
2	13.01.2022	20.01.2022	8.169	346.5	15.40
3	13.01.2022	20.01.2022	8.146	352.1	15.65

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For CIVIL AIM CONSULTANTS & ENGINEERS

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Job No.: CAGE/BBMP/KTR/W.No.14 /2021-22

Date: 10.02.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer ,Dasarahalli Sub division, BBMP, Bangalore.

Agency : M/s K T R Constructions(Prop.K.T.Ravi), Contractor, Mysore.

Name of the work : Improvements of roads and drains in Vijaya Bharathi School Surroundings and Other area in Bagalagunte ward no.14, BBMP, Bangalore.

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm²

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M₂₀

Compressive Strength as on : 28th day

SLNo.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	13.01.2022	10.02.2022	8.184	500.3	22.24
2	13.01.2022	10.02.2022	8.156	516.2	22.94
3	13.01.2022	10.02.2022	8.138	484.9	21.55

Note:

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3. Any Query regarding the report must be reported within 30 days from the date of testing.

ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ
ಬಿ. ದಾಸರಾಹಳ್ಳಿ ಸಬ್ ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿ.ಬಿ.ಎಂ.ಸಿ
ಬೆಂಗಳೂರು-560073

[Signature]

For CIVIL AIM CONSULTANTS & ENGINEERS

[Signature]
Authorised Signatory

No. 01, Satvika Nilaya, Opp. Widia Poorna Prajna School,
Ramaiah Layout, Nagasandra, Bangalore - 560 073.

Ph: 9591618639, GSTIN: 29CNWPD9510K1ZB, Email: civilaimconsultants@gmail.com



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Job No.: CACE/BBMP/KTR/W.No.14 /2021-22

Date: 25.01.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer ,Dasarahalli Sub division, BBMP, Bangalore.

Agency : M/s K T R Constructions(Prop.K.T.Ravi), Contractor, Mysore.

Name of the work : Improvements of roads and drains in Vijaya Bharathi School Surroundings and Other area in Bagalagunte ward no.14, BBMP, Bangalore.

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm²

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M₂₀

Compressive Strength as on : 7th day

SLNo.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	18.01.2022	25.01.2022	8.165	336.3	14.95
2	18.01.2022	25.01.2022	8.142	352.8	15.68
3	18.01.2022	25.01.2022	8.128	349.3	15.52

Note:

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2021-22-580073

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For CIVIL AIM CONSULTANTS & ENGINEERS

[Handwritten signature]
Authorised Signatory

No. 01, Satvika Nilaya, Opp. Widia Poorna Prajna School,
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Job No.: CACE/BBMP/KTR/W.No.14 /2021-22

Date: 15.02.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer ,Dasarahalli Sub division, BBMP, Bangalore.

Agency : M/s K T R Constructions(Prop.K.T.Ravi), Contractor, Mysore.

Name of the work : Improvements of roads and drains in Vijaya Bharathi School Surroundings and Other area in Bagalagunte ward no.14, BBMP, Bangalore.

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm²

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M₂₀

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	18.01.2022	15.02.2022	8.184	500.2	22.23
2	18.01.2022	15.02.2022	8.169	519.3	23.08
3	18.01.2022	15.02.2022	8.146	486.8	21.64

Note:

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ಶ್ರೀ. ದಾಸರಾಹಳ್ಳಿ ಸಬ್ ಡಿವಿಷನ್
ಬಾಗಲಗುಂಟೆ, ಜಿ.ಜಿ.ಎಂ.ಪಿ
ಫೋನ್ ನಂ. 580073

Signature

For CIVIL AIM CONSULTANTS & ENGINEERS

Authorised Signatory

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Job No.: CACE/BBMP/KTR/W.No.14 /2021-22

Date: 25.01.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer ,Dasarahalli Sub division, BBMP, Bangalore.
Agency : M/s K T R Constructions(Prop.K.T.Ravi), Contractor, Mysore.
Name of the work : Improvements of roads and drains in Vijaya Bharathi School Surroundings and Other area in Bagalagunte ward no.14, BBMP, Bangalore.
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm²
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M₂₀
Compressive Strength as on : 7th day

SL.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	18.01.2022	25.01.2022	8.174	336.3	14.95
2	18.01.2022	25.01.2022	8.168	346.5	15.40
3	18.01.2022	25.01.2022	8.132	352.8	15.68

Note:

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ಬಾಗಲಗುಂಟೆ, ಬಿ.ಬಿ.ಎಂ.ಸಿ.
ಫೋನ್ ನಂ. 5600073

[Signature]

For CIVIL AIM CONSULTANTS & ENGINEERS

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Job No.: CACE/BBMP/KTR/W.No.14 /2021-22

Date: 15.02.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer ,Dasarahalli Sub division, BBMP, Bangalore.

Agency : M/s K T R Constructions(Prop.K.T.Ravi), Contractor, Mysore.

Name of the work : Improvements of roads and drains in Vijaya Bharathi School Surroundings and Other area in Bagalagunte ward no.14, BBMP, Bangalore.

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm²

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M₂₀

Compressive Strength as on : 28th day

SLNo.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	18.01.2022	15.02.2022	8.146	500.2	22.23
2	18.01.2022	15.02.2022	8.152	516.3	22.95
3	18.01.2022	15.02.2022	8.138	492.4	21.88

Note:

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ಕಾರ್ಯನಿರ್ವಹಣೆ, ಜಿ.ಜಿ.ಎಂ.ಪಿ
ಬೆಂಗಳೂರು-560073

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For CIVIL AIM CONSULTANTS & ENGINEERS

Authorised Signatory

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Job No.: CACE/BBMP/KTR/W.No.14 /2021-22

Date: 01.02.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer ,Dasarahalli Sub division, BBMP, Bangalore.

Agency : M/s K T R Constructions(Prop.K.T.Ravi), Contractor, Mysore.

Name of the work : Improvements of roads and drains in Vijaya Bharathi School Surroundings and Other area in Bagalagunte ward no.14, BBMP, Bangalore.

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm²

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M₂₀

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	25.01.2022	01.02.2022	8.145	356.3	15.84
2	25.01.2022	01.02.2022	8.138	329.8	14.66
3	25.01.2022	01.02.2022	8.164	336.4	14.95

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ಇಲಾಖೆಯು, ಜಿ.ಜಿ.ಎಂ.ಸಿ
ಬಾಗಲಗುಂಟೆ-560073

[Signature]

For CIVIL AIM CONSULTANTS & ENGINEERS

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Job No.: CACE/BBMP/KTR/W.No.14 /2021-22

Date: 22.02.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer ,Dasarahalli Sub division, BBMP, Bangalore.

Agency : M/s K T R Constructions(Prop.K.T.Ravi), Contractor, Mysore.

Name of the work : Improvements of roads and drains in Vijaya Bharathi School Surroundings and Other area in Bagalagunte ward no.14, BBMP, Bangalore.

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm²

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M₂₀

Compressive Strength as on : 28th day

SL.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	25.01.2022	22.02.2022	8.154	500.9	22.26
2	25.01.2022	22.02.2022	8.146	518.2	23.03
3	25.01.2022	22.02.2022	8.129	489.6	21.76

Note:

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ಮಾಹಿತಿ ಕಾರ್ಯದರ್ಶಿ
ಜಿ. ದಾಸರಹಳ್ಳಿ, ಉಪ ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಜಿ.ಕೆ.ಎಂ.ಸಿ
ಬೆಂಗಳೂರು-560073

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For CIVIL AIM CONSULTANTS & ENGINEERS

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Job No.: CACE/BBMP/KTR/W.No.14 /2021-22

Date: 04.02.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer ,Dasarahalli Sub division, BBMP, Bangalore.

Agency : M/s K T R Constructions(Prop.K.T.Ravi), Contractor, Mysore.

Name of the work : Improvements of roads and drains in Vijaya Bharathi School Surroundings and Other area in Bagalagunte ward no.14, BBMP, Bangalore.

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm²

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M₂₀

Compressive Strength as on : 7th day

SLNo.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	28.01.2022	04.02.2022	8.145	339.6	15.09
2	28.01.2022	04.02.2022	8.162	346.5	15.40
3	28.01.2022	04.02.2022	8.176	330.4	14.68

Note:

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ಪ್ರಾಜೆಕ್ಟ್ ಮೇಲ್ವಿಚಾರಣೆ
ಶ್ರೀ ದಾಸರಾಜ್ ಕೆ.ಎಸ್.ಎಂ.ಪಿ
ಬಾ.ನಂ.007. 560073
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For CIVIL AIM CONSULTANTS & ENGINEERS

Authorised Signatory

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Job No.: CACE/BBMP/KTR/W.No.14 /2021-22

Date: 25.02.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer ,Dasarahalli Sub division, BBMP, Bangalore.

Agency : M/s K T R Constructions(Prop.K.T.Ravi), Contractor, Mysore.

Name of the work : Improvements of roads and drains in Vijaya Bharathi School Surroundings and Other area in Bagalagunte ward no.14, BBMP, Bangalore.

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm²

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M₂₀

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	28.01.2022	25.02.2022	8.184	500.3	22.24
2	28.01.2022	25.02.2022	8.169	516.2	22.94
3	28.01.2022	25.02.2022	8.155	494.8	21.99

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ಕರ್ನಾಟಕ ರಾಜ್ಯದ ಮಹಾನ್ಗುರುಗಳ ಸಂಘಟನೆ
ಇ ದಾಖಲೆಗಳನ್ನು ಉಪಯೋಗಿಸಿ
ಬಾಕಿಗಳು. 33.00.00
ಪಿಂಚುರು 560073.

[Signature]

For CIVIL AIM CONSULTANTS & ENGINEERS

[Signature]
Authorised Signatory

No. 01, Satvika Nilaya, Opp. Widia Poorna Prajna School,
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Job No.: CACE/BBMP/KTR/W.No.14 /2021-22

Date: 01.03.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: Assistant Executive Engineer ,Dasarahalli Sub division, BBMP, Bangalore.
Agency	: M/s K T R Constructions(Prop.K.T.Ravi), Contractor, Mysore.
Name of the work	: Improvements of roads and drains in Vijaya Bharathi School Surroundings and Other area in Bagalagunte ward no.14, BBMP, Bangalore.
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm ²
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M ₃₀
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (kN)	Compressive strength (N/mm ²)
1	22.02.2022	01.03.2022	8.129	501.8	22.30
2	22.02.2022	01.03.2022	8.134	503.9	22.40
3	22.02.2022	01.03.2022	8.138	506.7	22.52

Note:

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ಗೃಹ ಸಚಿವರು ಅಧೀನದಲ್ಲಿ
ಇ ದಾಖಲೆಗಳನ್ನು ಉಪ ವಿಭಾಗ
ಖಾತೆಗಡಿಸಿ, ಜಿ.ಜಿ.ಎಂ.ಪಿ
ಖಾತೆಗಡಿಸಿರು 560073.

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For CIVIL AIM CONSULTANTS & ENGINEERS

Authorised Signatory

**No. 01, Satvika Nilaya, Opp. Widia Poorna Prajna School,
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Job No.: CACE/BBMP/KTR/W.No.14 /2021-22

Date: 22.03.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer ,Dasarahalli Sub division, BBMP, Bangalore.

Agency : M/s K T R Constructions(Prop.K.T.Ravi), Contractor, Mysore.

Name of the work : Improvements of roads and drains in Vijaya Bharathi School Surroundings and Other area in Bagalagunte ward no.14, BBMP, Bangalore.

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm²

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M₃₀

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	22.02.2022	22.03.2022	8.166	711.2	31.61
2	22.02.2022	22.03.2022	8.174	713.9	31.73
3	22.02.2022	22.03.2022	8.179	721.4	32.06

Note:

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ಇದರಲ್ಲಿ ಉಪ ವಿಭಾಗೀಯ ಇಂಜಿನಿಯರ್, ಜಿ.ಜಿ.ಎಂ.ಪಿ. ವಿಂಗಡಣೆ-560073

[Signature]

For CIVIL AIM CONSULTANTS & ENGINEERS

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Authorised Signatory

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